

Converting Colors

CIELCh(85, 6.940, 301.546)

Have a look what the booklet for
CIELCh(85, 6.940, 301.546) contains.

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Color

CIELCh(85, 7.016, 302.417)

Conversions

Conversions Part 1

Format	Color
Hex	D6D2DF
RGB	214, 210, 223
RGB Percent	84%, 82%, 87%
CMY	0.1591, 0.1748, 0.1238
CMYK	0.04, 0.06, 0.00, 0.12
HSL	258°, 17%, 85%
HSV	258°, 6%, 88%
XYZ	64.3778, 66.0070, 79.4559
YIQ	212.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

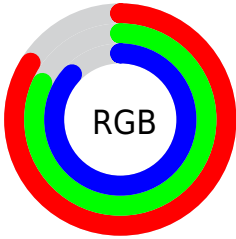
Format	Color
R _Y B	214, 210, 223
Decimal	14078687
CIE Lab	85.00, 3.76, -5.92
CIE LCh	85, 7.016, 302.417
Yxy	66.0070, 0.3068, 0.3146
Android (android.graphics.Color)	4292268767 (0xFFD6D2DF)
YUV	212.6780, 5.0887, 1.1594
Hunter-Lab	81.2447, -0.7359, -1.1133

Details

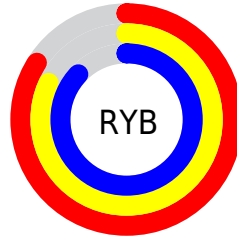
The CIELCh color $85, 7.016, 302.417$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 6.922, 121.767$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 6.790, 300.354$ is the 20% darker color. If you saturate the color by 10%, you get $78, 19.394, 303.053$, and if you desaturate by 10%, it is $92, 4.932, 121.872$.

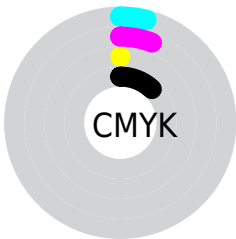
Distribution



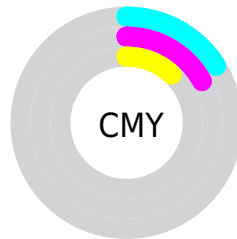
- Red (84%)
- Green (82%)
- Blue (87%)



- Red (84%)
- Yellow (82%)
- Blue (87%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.016, 302.417 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 7.016, 302.417 by changing the saturation by 10% instead.

■ 85, 7.016, 302.417

■ 85, 7.016, 302.417

■ 100, 7.016,
302.417

■ 75, 7.016, 302.417

■ 65, 7.016, 302.417

■ 55, 7.016, 302.417

■ 45, 7.016, 302.417

■ 35, 7.016, 302.417

■ 25, 7.016, 302.417

■ 15, 7.016, 302.417

■ 5, 7.016, 302.417

■ 0, 7.016, 302.417

85, 7.016, 302.417

85, 7.016, 302.417

78, 19.394,
303.053

92, 4.932, 121.872

71, 32.210,
303.776

99, 16.400,
121.294

65, 45.435,
304.581

99, 15.975,
108.970

58, 58.982,
305.455

51, 72.651,
306.367

45, 86.037,
307.251

40, 98.406,
307.996

35, 108.631,
308.439

■ 32, 115.437,
308.401

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 7.016, 302.417



88, 6.922, 121.767

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 7.016, 302.417



85, 7.016, 352.417



85, 7.016, 122.417



85, 7.016, 172.417

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 7.014, 302.410



98, 2.673, 302.174



87, 3.777, 232.120



53, 1.520, 302.167



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 7.014, 302.410



95, 9.411, 302.486



86, 7.821, 319.039



44, 5.510, 302.517



23, 98.139, 308.458



3, 32.349, 303.521

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 6.693, 334.934



95, 8.971, 335.030



88, 7.782, 138.578



45, 5.250, 335.068



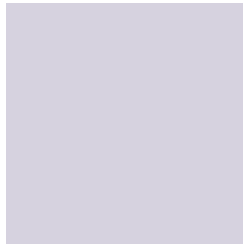
39, 69.598, 345.363



7, 29.242, 341.843

Previews

White Background



This preview shows how the CIELCh color 85, 7.016, 302.417 looks on a white background.

Color Contrast Check

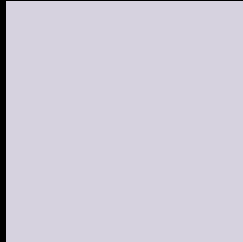
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 7.016, 302.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

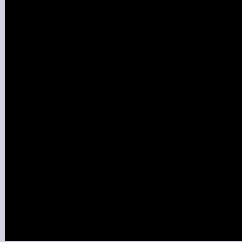
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

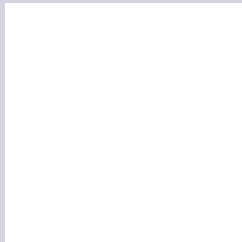
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.016, 302.417

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.016, 302.417.

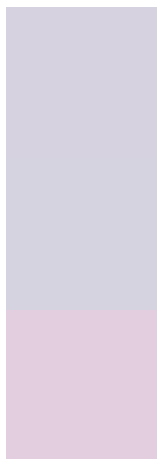


This preview shows how white text looks on a background with the CIELCh color 85, 7.016, 302.417.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


85, 7.016, 302.417

Protanopia

85, 6.893, 296.648

Deuteranopia

85, 12.150, 329.136



Tritanopia
85, 8.636, 302.670

Trichromacy



Original Color
85, 7.016, 302.417

Protanomaly
85, 6.943, 299.553

Deuteranomaly
85, 9.844, 321.317

Tritanomaly
85, 8.122, 303.409

Monochromacy



Original Color
85, 7.016, 302.417

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.742, 305.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.016, 302.417 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.016, 302.417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 210, 223) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 210, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.016, 302.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
210, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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